



September 9, 2014

HELBACH EXCAVATING  
RICHARD HELBACH  
EAST 1451 HWY 54  
WAUPACA WI 54981

Re: Description: SEWAGE TANKS, CONCRETE  
Manufacturer: HELBACH EXCAVATING  
Product Name: SEPTIC, HOLDING OR PUMP  
Model Number(s): 750  
(48.0 IN. L.L., 15.8 GAL./IN., 60" MAX. DEPTH OF BURY, 363 G.P.D. WHEN USED  
AS A SEPTIC TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL  
WASTEWATER)  
Product File No: 20140242

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of September 2019.**

This approval supersedes the approval issued on 5/12/2009 under product file number 20090193.

This approval is contingent upon compliance with the following stipulation(s):

- This product is approved to use the following:
  - . Pipe materials constructed in conformance with Table SPS 384.30-11, Wis. Admin. Code poured into the tank cover or access cover;
  - . Two-inch schedule 40 PVC cast-in riser for electrical wiring;
  - . Department-approved effluent filter installed in accordance with the product approval for the filter including properly sized and located access opening for service and maintenance.
- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 greater than 30 mg/L but less than or equal to 220 mg/L, TSS greater than 30 mg/L but less than or equal to 150 mg/L and F.O.G. less than or equal to 30 mg/L.
- Bedding: Bedding material shall be dry sand or gravel of which 100% will pass through a ½ in. screen. Bedding shall be level, at least 4 in. thick and compacted.

- Backfill: Backfill shall be dry sand or a material which 100% will pass through a 2" screen. Wet heavy soil is not to be used for backfilling tanks. Top of tank backfill shall be the same as sides.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen Jones, M.S.  
POWTS Product Reviewer  
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